

# Work schedule

## 1.1 Term 1





## Life and living

| Time                 | Contents  | Activity   | Date planned | Date completed |
|----------------------|---|--|--------------|----------------|
| 2 weeks<br>(9 days)  | UNIT 1<br>Photosynthesis and respiration<br>Photosynthesis<br>- Required<br>- Products<br><br>Respiration<br>- Types respiration<br>- Comparison between photosynthesis and respiration   | Activity 1 P. 14<br>Practical investigation 1 P. 17 – 20<br>Exercise 1 P. 20 – 22<br>Activity 2 P. 23<br>Practical investigation 2 P. 24 – 25<br><br>Exercise 2 P. 26 – 27<br>Summary P. 27<br>Mind maps P. 28   |              |                |
| 5 weeks<br>(25 days) | UNIT 2<br>INTERACTIONS AND INTERDEPENDENCIES<br>Introduction to ecology<br>Ecosystems<br><br>Interdependencies in ecosystems<br>- Mutualism<br>- Commensalism<br>- Parasitism<br><br>Feeding relationships<br>- Producers and consumers<br>- Herbivores<br>- Carnivores<br>- Omnivores<br>- Detritivores<br>- Decomposers<br><br>Energy flow<br>- Food chain<br>- Food webs<br>- Energy pyramids<br><br>Ecological balance<br>Adaptations<br>- Plants<br>- Animals<br>- Camouflage + mimicry<br>Conservation of ecosystem | Activity 3 P. 32<br>Activity 4 P. 33 – 34<br><br>Exercise 3 P. 36 – 38<br><br>Activity 5 P. 43<br>Exercise 4 P. 44 – 47<br><br>Exercise 5 P. 49 – 51<br>Activity 6 P. 53<br>Activity 7 P. 54<br>Exercise 6 P. 55 – 57<br>Activity 8 P. 59<br><br>Activity 9 P. 67<br><br>Exercise 7 P. 70 – 75<br>Summary P. 76 – 78<br>Mind maps P. 79 – 82 |              |                |





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|-------------------|--|--|--------------|----------------|
| 1½ weeks (6 days) | Unit 3<br>Microorganismes<br>Introduction<br><br>Types of microorganismes<br>- Bacteria<br>- Viruses<br>- Fungi<br>- Algae<br>- Protozoa<br><br>Harmful microorganismes<br>- Diseases<br>- Where harmful microorganismes are found<br>- Waterborne diseases<br>- Prevention of spread of disease<br>- Scientific contributions<br><br>Useful microorganismes<br>- Decomposers<br>- Water purification<br>- Digestive tract<br>- Production | Activity 10 P. 84<br><br><br><br><br>Activity 11 P. 86<br><br><br><br><br>Activity 12 P. 87<br><br><br><br><br>Activity 13 P. 89<br>Practical investigation 3 P. 89<br><br><br><br><br><br><br><br><br><br><br>Activity 14 P. 91<br>Exercise 8 P. 91 – 93<br>Summary P. 93 – 94<br>Mind maps P. 95<br>Glossary P. 96 – 98<br>Term test P. 99 – 111 |              |                |



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| Life and living | Photosynthesis and respiration<br>Photosynthesis<br>Respiration<br>Interactions and interdependencies<br>Introduction to ecology<br>Ecosystems<br>Feeding relationships<br>Energy flow: food chains and food webs<br>Balance in an ecosystem<br>Adaptations<br>Conservation of ecosystem<br>Microorganisms<br>Types of microorganisms<br>Harmful microorganisms<br>Useful microorganisms |
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Life and living: 40 days or 8 weeks

Administration: 1 day

Assessment: 3 days

